

Vrex-0037USAAPN00

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Remarks

Applicants thank the Examiner for the careful attention accorded the instant application. No amendments are made at this time.

In the previous amendment of May 30, 2006, the claims were amended to recite at least two separate video processing units, which is not taught nor suggested by Matsui et al. US6704042. In the recent response of August 11, 2006, the Examiner has additionally cited Nelson et al., "A heterogeneous Architecture for Stereoscopic Visualization", in combination with Matsui to derive the rejection of the claims under 35 USC §103(a). It is respectfully submitted that Matsui and Nelson, alone or in combination, do not teach or suggest all of the features of claims 1-18.

For instance, in showing the "real time" aspect of the present claim, the Examiner has pointed to Col. 8, lines 29-46 of Matsui, which reads:

"[0105] In step S3, the currently connected display device is determined. This determination processing is performed by registering information indicating what kinds of display device are connected to the viewer is registered in the viewer in advance, and reading out the information. Alternatively, in order to determine a format corresponding to one of the display devices connected to the viewer which can display stereoscopic video data, for example, the type of format of stereoscopic video data that can be displayed is registered in the viewer in advance, and this information is read out.

"[0106] Since this embodiment corresponds to three types of display devices, the flow branches to one of steps S4 to S6 in accordance with the determination result in step S3 to convert the data into stereoscopic video data complying with the corresponding display device. The converted stereoscopic image is output to the corresponding output apparatus in a corresponding one of steps S7 to S9. The processing in step S1 and the subsequent steps is then repeated."

Matsui, Col. 8, lines 29-46.

It is noted that there is no discussion of real time in these passages.

Further, the Examiner cited Col. 13, lines 15-20 to recite the "plurality of back end processors," which reads:

"...As a whole, received stereoscopic video data is segmented into right-eye and left-eye video data, correction is performed such that corresponding portions of the two video data have the same lightness, and the resultant stereoscopic video data is displayed...."

Matsui, Col. 13, lines 15-20.

It is noted that there is no discussion of back end processors in these passages.

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The Examiner admits that Matsui does not teach two separate processing units, and interjects Nelson to teach this feature. However Nelson teaches stereoscopic terrain visualization using plural processors, not format conversion. It is used to generate wireframe images, not convert one of a plurality of input 3D formats to one of a plurality of output 3D formats. It is respectfully submitted that the combination of Matsui and Nelson is improper, as there is no suggestion or motivation to combine the references (a reference dealing with wireframe visualizations (Nelson) with a reference teaching converting data formats (Matsui)).

No new matter has been added.

Respectfully Submitted,

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